

63-18238

Avramenko, L. I., Gerber, M. I., Neiman, M. B.,
and Shushunov, V. A.

A KINETIC METHOD OF PHYSICO-CHEMICAL
ANALYSIS. I. KINETICS OF REACTION BETWEEN
LEAD-SODIUM ALLOYS AND ETHYL CHLORIDE
VAPORS. [1963] [30p] (3 figs. omitted) 15refs
Order from OTS or SLA \$2.60

63-18238

Trans. of [Zhurnal Fizicheskoi Khimii] (USSR) 1946,
v. 20, no. 11, p. 1347-1358.

DESCRIPTORS: *Reaction kinetics, *Lead alloys,
*Sodium alloys, *Ethyl radicals, *Chlorides, Vapors,
Catalysis

1. Title: Ethyl chlorides
2. Title: Tetraethyl lead
1. Avramenko, L. I.
- II. Gerber, M. I.
- III. Neiman, M. B.
- IV. Shushunov, V. A.
- V. Title: Kinetics...

.. 55288

(Chemistry--Physical, TT, v. 10, no. 11)

Office of Technical Services

The Determination of Rate Constants of
Elementary Reactions of Hydrogen Atoms, by
L. I. Avramenko, R. V. Kolesnikova, 13 pp.

RUSSIAN, per,
Iz Ak Nauk SSSR Otdel Khim Nauk, No 11, 1961,
pp 1971-1976. 9676126

FTD-TT-62-14

Sci - Chem

189,757

5 Apr 62

Determination of the Initial Concentration of
Atomic Oxygen Under Jet Conditions by a Chemical
Method, by L. I. Avramenko, R. V. Kolesnikova.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, 1955,
pp 539-541.

SLA R-4990

Sci - Physics
Apr 59

84, 376

March 1959 700

Mechanism of the Formation of the Cold Flame of
Cold Flame of Butene, by A. A. Dobrynskaya, M. B.
Neyman; Reactions of Free Hydroxyl, by L. I.
Avramenko, 12 pp.

RUSSIAN, bk, Kinetika Tsepnykh reaktsiy Okisleniya,
publ by Publ House of the Academy of Sciences of
USSR, Moscow/Leningrad, 1950.

CIA C 42926

Sci - Chemistry

36,767

Jul 1956

Reaction of Atomic Hydrogen With Ethylene, by L. I.
Avramenko, R. V. Kolesnikova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4,
1959, pp 746, 747.

CB

Sci -
May 61

152, 752

Kinetics and Mechanism of the Reaction of Oxygen
Atoms With Carbon Monoxide, by L. L. Avramenko, P. V.
Kolesnikova, 8 pp.

Ukrainian Sci, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9,
1959, pp 1562-1570.

CB

Sci -
May 61

152,794

Reactions of Oxygen Atoms With Unsaturated
Hydrocarbons, by L. I. Avramenko, R. V.
Kolesnikova, 18 p.

RUSSIAN, per, Voprosy Khimicheskoy Kinetiki
Kataliza i Reaktsionnoy Sposobnosti, 1955,
pp 7-17.

NRCC TT-789

Sci
Feb 60
Vol 2, No 9

107,045

Null File Council TT 789

Kinetics and Mechanism of Interaction of
Ethyl Radicals with Molecular Oxygen, by
L. I. Avramenko, R. V. Kolesnikova.

RUSSIAN, per, Izv, An SSSR, Otd, Khim., Nauk,
No 5, 1960, pp 806-811.

ERDL Ft Belvoir
T-1229

Sci - Chem

155, 249

Jun 61

Rate Constant and Mechanism of the Reaction of
Atomic Oxygen with Methyl Alcohol by, L.I.
Avramenko, R.V. Kolesnikova, N.L. Kuznetsova,
4pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 599-603.

CB

200, 672

Sci.
April 62

Kinetics and Mechanism of the Reaction of the
CH₂OH Radical with O₂ Molecules by, L.I.
Avramenko and R.V. Kolesnikova, 7pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1961, pp. 591-598.

CB

200,670

Sci.
April 62

Rate Constant and Mechanism of the Reaction of
Atomic Oxygen with Acetaldehyde, by L.I. Avramenko,
R.V. Kolesnikova, M.F. Sorokina, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1961, pp 1005-1010.

CB

200,702

Sci
Apr 62

Production of Atomic Oxygen in Water Vapor Discharge
and Some of Its Reactions, by L. L. Avramenko.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, No 7, 1949,
p 790. CTA D 472455

AEC Tr 200

TT 123

USSR
Scientific - Chemistry

June 1950

Avail in Mr Wyatt's office - OSI

15,067

Elementary Reactions of Atomic Oxygen in Ethane, by
L. I. Avramenko, R. G. Kosachikova,

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXXIX,
No 6, 1953, pp 1037-1040.

36.095

Nat Res Lib TT-573

(CANADA)

Sci Mus Ser 56/1347

Scientific - Chemistry

Jun 56/6ex

The Reaction of Oxygen Atoms With Benzene, by
L. I. Arramenco, E. E. Ioffe, R. V. Lorentso.

~~three copies~~
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI, No 6,
1949, pp 111-112 CIA D 472 453

AEC Tr 201
also Sci Tr Cen TT 121

ATS: 3216

Scientific - Chemistry
available in Mr. Wyatt's office - OSI

7581

Reactions of Ethyl Free ~~Rad~~ Radicals with Molecular
Oxygen, by L. I. Avramenko, R. V. Kolesnikova.

RUSSIAN, per, Izvest Akad Nauk SSSR, Otdel Khim Nauk,
~~Vol. 1958~~, No 10, pp 1192-1198.

1958
ATB RJ-1644

Sci - Chem

Jul 59

SLA - 59-15451

90,833

Elementary Reactions of Atomic Oxygen With
Methane, by L. I. Avramenko, R. V. Kolesnikova,
5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCI,
No 1, 1953, pp 107-109.

26,709

Sci Trans Center
RT 2295

Scientific - Chemistry

Sep 55 CTS/DEX

Formation of Oxygen Atoms on a Glass Surface, by
L. I. Avramenko, R. V. Kolesnikova, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 11,
1959, pp 2548-2554.

Cleaver-Hume Press

Sci

Aug 60

123,653

Experimental Determination of the Sequence ⁶²
~~of the~~ of Elementary Reactions of Atoms
and Radicals, by L. I. Avramenko, R. V.
Kolesnikova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCII, No 2,
1953, pp 349-352.

OTS 61-31100
Natl Res Council, Canada
TT No 761

Sci - Physics

Apr 60

112,638

Determination of the Initial Concentration of Atomic
Oxygen Under Jet Conditions by a Chemical Method,
by L. I. Avramenko, R. V. Kolesnikova.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIII, No 3, 1955,
pp 539-541.

Natl Res Council, Canada
TR No 760

Sci - Chem

Apr 60

112,636

Avramenko, L. I. and Kolesnikova, R. V.
KINETICS AND MECHANISM OF THE INTERACTION
OF ETHYL RADICALS WITH MOLECULAR OXYGEN,
tr. by R. P. Ilwitzer. 16 Feb 61, 8p. 13 refs.
APL/JHU TG 230-T215.
Order from OTS \$0.50

61-21999

Trans. of *Akademiya Nauk SSSR. Otdeleniye Khimi-
cheskikh Nauk. Izvestiya, 1960, no. 5, p. 806-811.

DESCRIPTORS: *Ethyl radicals, *Oxygen, Reaction
kinetics, Chemical reactions.

(Chemistry--Physical, TT, v. 6, no. 2)

61-21999

- I. Avramenko, L. I.
- II. Kolesnikova, R. V.
- III. APL/JHU TG-230-T215
- IV. Applied Physics Lab.,
Johns Hopkins U.,
Silver Spring, Md.
- V. Contract NOrd-7386

Avramenko, L. I. and Kolesnikova, R. V.
REACTION OF FREE ETHYL RADICALS WITH
MOLECULAR OXYGEN, tr. by B. W. Kuvshinoff.
12 Oct 60. 10p. 8 refs. APL/JHU TG 230-T136.
Order from OTS \$0.50

61-11169

Trans. of *Akademiya Nauk SSSR. Otdeleniye Khim-
cheskikh Nauk. Izvestiya, 1958, no. 10, p. 1192-1198.
Other translations are available from LC or SLA
mi\$2.40, ph\$3.30 as 59-15451 [1959] 11p. and ATS
\$8.20 as ATS-47L29R [1958] 9p.

Reaction products of the ethyl radical and molecular
oxygen at temperatures of 100 to 300° are ethylene
oxide or acetaldehyde and hydroperoxide. The surface
condition of the reaction chamber strongly influences
the direction of reaction of $C_2H_5 + O_2$. The formation
of ethylene oxide from the reaction of the ethyl radical
and a molecule of oxygen occurs on the walls of the
reaction vessel treated with discharge products in
water vapor. The interaction of an ethyl radical with
(Chemistry--Organic, TT, v. 5, no. 9) (over)

61-11169

1. Free radicals--Chemical reactions
2. Oxygen--Chemical reactions
- I. Avramenko, L. I.
- II. Kolesnikova, R. V.
- III. APL/JHU TG-230-T136
- IV. Applied Physics Lab.,
Johns Hopkins U.,
Silver Spring, Md.
- V. Contract NOrd-7386

Office of Technical Services

New Method of Determining Rate Constants of
Elementary Reactions of Atoms and Radicals, by
L. I. Avramenko, R. V. Kolesnikova, L. M. Postnikov,
7 pp.

RUSSIAN, per, Iz Nauk SSSR, Otdel Khim Nauk,
No 3, 1958, pp 277-284.

Consultants Bureau

Sci - Chem

Apr 60

112,298

The Reaction of the Isopropyl Radical with the
Oxygen Molecule, by L. I. Avramenko, R. V.
Klenikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 6,
1960, pp 1370-1372.

CB

149,955

Sci

Apr 61

The Kinetics and Mechanism of the Interaction of Methyl Radicals With Molecular Oxygen, by L. I. Avramenko, L. M. Postnikov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1960, pp ~~1921~~ 1921--1929.

CB

Sci
May 62

192,871

The Mechanism of Formation of H_2O and H_2O_2 in the
Reaction of Hydrogen Atoms With Oxygen Molecules,
by L. I. Avramenko, R. V. Kolesnikova. USSR

RUSSIAN, per, Zhur Fiz Khim, Vol XXXII, No 12,
1958, pp 2780-2786.

DSIR LIJ RTS 1218

(17s. 6a.)

Sci - Chem
EOV 59

100,787

243,180
Rate Constants and Reaction Mechanisms of Oxygen
Atoms With Ethylene, Propylene, and Isobutylene, by
L. I. Avramenko, R. V. Kolesnikova, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Khim Nauk, No 1,
1963, pp 36-44.

CB

Sci
Dec 63

245,186

Experimental Determination of the Sequence of
Successive Elementary Reactions of Atoms and Radicals,
by L. I. Avramenko, R. V. Kolesnikova, 2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1955, GIA C 39502
pp 386-394

USSR
Scientific - Chemistry

Consultants Bureau

Walt Mac ...
7/1/55

28,796

Nov 55 CTS/DEX

A Photochemical Study of the Mechanism of the
Reaction Between Oxygen Atoms and Acetaldehyde,
by L. N. Avramenko, R. V. Kolesnikova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1961, pp 1231-1233.

CB

Sci

Jun 62

200,195

Absorption and Luminescence Centers in Thallium
Solutions, by V. G. Avramenko, M. U. Belyy, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,
Vol XXIII, No 1, 1959, pp 66-69.

Columbia Tech

Sci.

Mar 60

111,523

Synthesis of β -Amino Acids from Aromatic Hydroxy
al and Alkoxyaldehydes, by N. V. M. Rodyonov,
A. A. Dubinskaya, V. G. Avramenko, N. N. Suvorov,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2242-2246.

CB

Sci - Chem
Oct 59

99,952

Synthesis of β -Diodotyrosine, by V. M. Rodionov,
N. N. Suvorov, V. G. Avramenko, L. M. Morozov-
skaya, 4 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXVII, No 8,
1957, pp 2234-2238.

Consultants Bureau

Sci - Chem
Oct 58

74, 209

A New Synthesis of β -4-Nitrophenyl- β -Alanine, by
V. M. Rodionov, N. N. Suvorov, and V. G. Avramenko,
6 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 520-525. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41, 713

An Investigation of the Electrical Properties of
Some Mixed Ferrites in Alternating Electric Fields,
by, E. V. Sinyakov, V. P. Avramenko, ~~22~~ 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol. III, No 2,
1961, pp 411-415.

AIP
SOV Phys-Solid State
Vol III, No 2

Sci
Aug 61

166,037

On the Skin Effect Time Constant, by
A. Avramescu.
GERMAN, per, ETZ; Elektrotechnische
Zeitschrift. Ausgabe A. Zentralblatt
für Elektrotechnik, Vol 80, 1959, pp 78-82.
EIA TT-66-10790

A. Avramescu
331, 644

Sci
Jul 67

77
Voltage Limits in Electric Power Transmission,
by A. Avramescu.

~~RUSSIAN~~, per, Electrotehnica, Vol 18, No 8, ~~1964~~,
1966)

pp 265-270.

NLL Ref: 9022.09 (4815)

RUSSIAN
A. AVRAMESCU

Sci-Elec.
Mar 69

376,843

Research Activity as Important Factor in Raising
the Technical Level of the Electrotechnical
Industry, by Aurel Avramescu, 27 pp.
RUMANIAN, per, Electrotehnica, No 1, 2,
1964, pp 15-26.
JPRS 25092

EE-Rumania
Econ
Cop 64

266,218

Development of Electric Power and Electrotechnical Industries
of the USSR, by Aurel Avramescu, Florin Tancasescu, 16 pp.

RUMANIAN, per, Electrotehnica, Vol X, No 11, 1962, pp 491-503.

JPRS 23186

USSR
Econ
Jan 64

246,612

A New Comprehensive Integral Criterion for Optimization of
Automatic Control Systems, by Aurel Avramescu, 15 pp.
GERMAN, par, Rev Electronique et Energ. (RFE), Vol A7,
No 1, 1962, pp 153-163. 9595067

FTD-TT-63-1107

Sci - Math & Data Proc
Feb 64

250,223

On the Heating of Punctiform Contacts at Constant
Current Load, by A. Avramescu, 24 pp.

GERMAN, per, Arch Elektrotech, Vol XXXIII, No 4,
1939, pp 261-268.

SLA Tr 57-647

50,665

Sci - Electricity

Aug 57

The Wings of the Mighty Upsurge, by Avramov.

RUSSIAN, np, Izvestiya, 15 Dec 1962.

FBIS WIRES

USSR

Soc

Dec 62

SECRET

(NY-2745).

Statistical Study of the Influence of Composition
or Assortment on the Cost of Industrial Production,
by Albert Avramov, 26 pp.

BULGARIAN, per, Statistika, Vol VI, No 2, Mar/Apr 1959,
Sofia, pp 55-68.

JPRS-1909-N

HEur - Bulgaria
Econ - Industry
Oct 59

98, 481

NUTRITIONAL PATTERNS AND AGRICULTURAL PRODUCTION
AND TRADE, BY G. AYRANOV, 12 PP.

SERBOCRONTIAN, PER, NOVA TRGOVINA, NO 1, 1963,
PP 6-8.

APRS 18930

EUR - YUGOS

ECON

MAY 63

229,745

The "Straka Polyan" Hydroelectric Station,
by G. Avramov, Dr. Mihaylov, 7 pp.
BULGARIAN, par. Ekonomika, No 9, 1964, pp 2-4.
JPRS 26021

EE-Bulgaria
Econ
Feb 65

273,226

7
The Development of the "Bazgoprocka" Electric
Power Design Institute, 1948-1963, by G. Avramov,
A. Stankimirov, 14 pp.
BULGARIAN, per, Stranislavo, No 6, 1963, pp 1-3.
JPRS 24713

EEur - Bulgaria
ECON
Jun 64

261,313

13
Possibilities of the Application of Bacterial Fertilizers
in Planting Rooted Grape Vine Cuttings, by L. Avramov,
M. Todorovic, 12 pp.
SERBO-CROATIAN, per. Arhiv za Poljoprivredne Nauke,
Vol XV, No 50, 1962, pp 220-230.
OTS 62-11751/4
PL-480

Sci - Agri
Mar 64

253,189

FOREIGN TRADE AND ITS ROLE IN THE BUILDING
OF SOCIALISM IN BULGARIA, BY LUCHEZAR AVRAMOV,
15 PP.

BULGARIAN, PER, NOVO VREME, NO 9, 1962,
PP 52-62.

JPRS 16501

EEUR - BULGARIA
ECON .
DEC 62

218,139

The Need for Specialists on the Okrug
Level, by Todor Avramov, 12 pp.

BULGARIAN, per, Planovo Stoyanstvo i
Statistika, Vol XVI, No 5, 1961,
pp 40-49.

JPRE 11117

EEur - Bulgaria
Econ
Dec 61

¹
175,089

3
The Status, Distribution and Use of Manpower in Bulgaria,
by Todor Arizimov, 14 pp.
BULGARIAN, par. Trud i Tazhd, No 1, 1964, pp 1-13.
JPRS 23423

EE-Bulgaria
Name
Mar 64

253, 041

Certain Changes in the Composition of the
Labor Force Employed in Industry, by Todor
Avramov, 19 pp.

BULGARIAN, par. Ikononicheska misul, No 9,
(Nov) 1964, pp 37-57.

JPRS 28470

p 16

EE-Bulgaria

Econ

Feb 65

273,276

The State, Distribution, and Use of Labor
Resources in Agriculture, by Todor Avramov,
12 pp.
BULGARIAN, per, Trud i tseni, No 9 (Nov)
1964, pp 1-13.
JPRS 28207

p 16

EEur-Bulgaria
Econ
Mar 65

275,805

THE EFFECT OF TECHNICAL PROGRESS ON WORKING
CONDITIONS, AND ON THE STRUCTURE AND QUALIFICATION
OF MANPOWER, BY TODOR AYRANOV, 8 PP.

BULGARIAN, PER, INGENIERSKA JEDIN., NO 10,
DEC 1962, PP 13-23.

JPRS 18130

EEUR-BULGARIA
ECON.
JPRS 63

210,282

COMPILING THE BALANCE SHEET FOR THE FEMALE
LABOR FORCE, BY TEDOR ANRANOV, 12 PP.

BULGARIAN, PER, PLANOV STOPANSTVO I STATISTIKA,
NO 2, FEB 1963, PP 13-24.

JPRS 11430

SEMI-BULGARIA
ECON.
APR 63

228,205

The Petrological Characteristics and the Strati-
graphic and Tectonic Position of the Magmatic Rocks
of the Prokletije Mountains, by Srbobran Mojsilovic,
Vera Avramovic, 25 pp.

SENZO-CROATIAN, per, Vesnik Zavoda za Geoloska i
Geofizicka Istrazivanja, Series A, No 20, 1962,
pp 297-313.

OTS 62-11756/1
PL-480

248,648

EMUR - Yugoslavia
Geog
Jan 64

(NY-5373/2)

A View of Modern America, by Miodrag Zika Avramovic,
40 pp.

CROATIAN, per, Nasa Stvarnost, No 5, 1960, pp 602-619.

JPRS 7866

EEur - Yugoslavia

Econ

Feb 61

138, 487

(DC-4768).

The Fact and Fiction of Urbanization in America, by
Miodrag Zika Avramovic, 24 pp.

CROATIAN, per, Nasa Stvarnost, No 7, 8, 1960,
pp 60-63.

JPRS 6537

NorAmer - US
Econ
24 Jan 61

137,659

RUBBERIZED SHEET FILTER LV-1000, BY S. G. AYRAPETOV,
6 PP.

RUSSIAN, PER, KHIM MASHIN, NO 2, 1963, PP 3, 4.

JPRS 19650

USSR
ECON
MAY 63

2381,000

New Data on the Age of the Granitoid Intrusives of
Central Pamirs, by A. S. ~~Avrashov~~ Avrashov, A. Ya.
Krylov, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science
Sections, Vol. Cllii, No 1-6, Nov, Dec 1963, pp

Amer Geol Inst

Sci

Jul 65

Effect of Chemical Treatment of the Surface of Glass --
Fibre Fabric on the Properties of Fibreglass
Laminates, by Ya. D. Avrasin, A. Ya. Korolev,
Ya. I. Mindlin, 4 pp.

RUSSIAN, per, Plasticheskiy Massy, No 7, 1960,
pp 31-35.

RAPRA

Sci

Aug 61

CIA/FDD X-4695

163,069

(SF-1805)

In the Communist Manner, by D. S. Avrayanov, 40 pp.
RUSSIAN, bk, Po-Kommunisticheski, 1960, pp 1-40.

JPRS 4664

USSR

153,683

Pol

Jun 61

Vi and O Antigens in Immunity to Typhoid Fever.
I. Obtaining Vi Antigen From "Whole Antigen" of
Typhoid Fever Bacteria, by V. V. Avrekh, E. S. Geronimus
5 pp.

RUSSIAN, no per, Zhur Mikrobiol. Epidemiolog i
Immunobiolog, Vol 1, 1947, pp 33-35.

Sci Trans Center RT-153

USSR
Scientific - Medicine

8696

Jan 54 CTS

The Conquest of the Sea, by Gilles Avril, 69 pp.

FRENCH, bk.

↪
Burke/London
(Harvey-House)

Sci - Misc.

Sep 62

Cast Iron for the Manufacture of Alkali-Resisting
Boilers, by K. I. Vashchenko, A. M. Firstov, P. V.
Avrinskiy.

RUSSIAN, per, Lit Proiz, No 1, 1960, pp 7-10.

BCIRA 1005

Sci - Engr

Sep 61

168, 587

Sulfur Removal From Cast Iron by Treatment with
Magnesium, by K. I. Vashchenko, P. V. Avrinskiy,
B. M. Pashkovskiy,

RUSSIAN, per, Lit Proiz. Vol V, No 1, 1954,
pp 9-14. C I A D 168619

Brutcher Tr No 3386

Scientific - Min/Metals

13,727

(DC-6804)

Leader of Israeli Leftist E Ahdut 'Avodah Party
Discusses Possible Union With Mapai, by Yosef
'Avron, 9 pp.

HEBREW, np, Haboker, 27 Apr 1962, pp 3, 9.

JPRS 13807

NE/A - Israel
Pol.
May 62

196, 137

Renormalization of Pseudoscalar Meson Theory
With Pseudovector Coupling, by E. N. Avrorin,
E. S. Pradkin, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXX,
No 4, 1956, pp 756-760.

Amer Inst of Physics
Soviet Physics, JETP
Vol III, No 6

Sci - Physics
Apr 57 CTS

46, 736

The Nervous Regulation of the Cerebral Circulation,
by V. P. Avrorov, 9 pp.

RUSSIAN, per, Fiz Zhur SSSR in I. M. Sechenova,
Vol XLIV, No 5, 1958, pp 404-412.

Pergamon Inst

Sci - Med

Jan 59

78,832

Studies of Cerebral Circulation in Series Experiments by Means of Changes in the Blood Pressure Gradient in Vessels Supplying the Brain, by V. P. Avtonov, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIV, No 8, 1957, pp 11-14.

Consultants Bureau

Sci. - Medicine
Jul 58

66,211

(FDD 25591)

Plethysmography of the Brain in the Chronic Experiment,
by V. P. Avrorov, 7 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XXXVIII,
No 12, Moscow, Dec 1954, pp 66-68

CIA/FDD/U-7695

USSR

Sci - Medicine, neurophysiology 31,599

Jan 56 CTS

Characteristics of Strains of Influenza Virus
Isolated in Rostov-upon-Don in 1957, by O. Yu.
Reznikova, R. I. Avrorova, 5 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 5,
1959, pp 585-590.

PP

Sci

Oct 60

130,558

Investigation of the Use of Spray Scrubbers
on Gases From Lead Smelting Furnaces, by V.
G. Avrov.

RUSSIAN, per Tsvet. Metally, No. 2, 1964,
pp 31-36.
GB 72

V. G. AVROV

Sci -
Aug 67

337-467

A SCHEMATIC MAP FOR THE PREDICTION OF PETROLEUM-
AND GAS-BEARING AREAS IN THE USSR, BY Y YA. AVRON,
I. A. BLINNIKOV, ET AL, 13 PP.

RUSSIAN, ENG PER, GEOL NEFTI I GAZA, NO 6, 1963,
PP 1-8.

PPS 220/3

SCI-ENG SCI & ASTRON

DEC 63

243,019

FOREIGN DEVELOPMENTS IN MACHINE TRANSLATION AND
INFORMATION PROCESSING, BY D. N. AVDEYEV,
A. N. VASIL'YEV, ET AL, 430 PP.

RUSSIAN, UK, CITAYENICHYE USTROYSTVA, MOSCOW,
1962, PP 3-187.

APR 18 1963

SCI - MATH-DATA PRO

MAR 63

225,933

PRIME COST OF ONE KILOWATT HOUR OF ELECTRIC ENERGY
BY A. AVRAMI, AND G. KUGLOV, MD ET AL, 11 PP.

RUSSIAN, NP, EKONOMICHESKAYA GAZETA, NO 36,
7 SEPT 1963, PP 8-9.

JPRS 21532

SCI-ELEC
NOV 63

210,652

R-900

(NY-3309).

1/
Electric Power Costs at Large Thermal Electric
Power Stations, by A. Ya. Avrukh, 8 pp.

RUSSIAN, per, Elek Stants, No 10, 1959, pp 35-38.

JPRS-L-1171-N

USSR

Econ - Electric power

Feb 60

107,995

We Must Continuously Improve the System of
Tariffs on Electric and Thermal Energy,
by A. Ya. Avrukh, 8 pp.

RUSSIAN, per, Promyshlennaya Energetika, No 9,
1962, pp 1-5.

JPRS 16039

USSR

Recon

Sci - Electricity

Nov 62

217,535

ON THE USE OF NEW FUEL PRICES WHEN CALCULATING
THE EFFECTIVENESS OF THE NEW TECHNOLOGICAL
MEASURES IN ELECTRIC POWER ENGINEERING, BY
A. YA. AVRUKH, 7 PP.

RUSSIAN, PER, TEPLONERGETIKA, NO 9, 1962,
PP 7-9.

JPRS 16569

USSR
ECON DEC 62

217,317

Small Tonnage Cargo Motor Vessels, by M. G. Avrukh.

RUSSIAN, bk, Malotonnazhnyye Gruzovyye Teplokhody,
1956, pp 5, 6, 8-10, 15-31.

CIA/FDD Sum 1729

USSR

Econ

61,796

Construction of ships from plastic, by M. G. Avrukh, 1. 1959.
RUSSIAN, per, Submarines, No 1, 1959, pp 37-42.
Dept of Navy Tr 4239/CNA Tr 1076

8

USSR
Econ
Aug 65

287,306


M. G. Avrukh

(NY-4688)

Contactless Magnetic Devices for Control Systems,
by L. I. Gutenakher, M. I. Gutenakher, M. I.
Ayrakh, I. A. Vissonova, et al, 63 pp.

RUSSIAN, bk, Avtomaticheskoye Upravleniye i
Vychiskutelnaya Tekhnika, 1958, pp 113-145.

JPRS 5779

Sci - Engr

Oct 60

129,012

J-4936

(NY-2653).

Contactless Magnetic Devices for a System of
Control, by L. I. Gutenmakher, 10 pp.

M.L. AVBUKH, I.A. YISSONOV

RUSSIAN, bk, Avtomaticheskoye Upravleniye i
Vychislitel'naya Tekhnika, Moscow, 1958, ^{exp.} 136-145.

JPRS-L-871-M

Sci - Electronics, Automation
Jul 59

91,607

On Some Causes of Increased Vibrations in
Synchronous Multi-Pole Machines, by V. Yu.
Avrukh.

RUSSIAN, per, Elek Stantsii, No 1, 1960, pp 38-41.

WLL M. 3229

Sci - Engr

Apr 62

189,813

Methods of Balancing the Rotors of Large
Synchronous Condensers, by M. A. Branovskiy,
V. Yu. Avrukh.

RUSSIAN, per, Elektricheskiye Stantsii, No 4,
1959, pp 40-46.

DSIR LLU M.1994
(loan)

Sci - Engr

Oct 60

130,759

The Production of Wood Pulp by Means of Organic Solvents, by V. V. Yanovsky, S. S. Malevskaya, E. I. Evtropyeva, and B. M. Avrunina, 8 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 3, Mar 1954, pp 334-340. CIA C 38935

Consultants Bureau

Scientific - Chemistry

CTS 73/Oct 55

27,036

The Biological Action of High Energy Radiation,
by G. A. Avrunina, N. M. Karamzina, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LII,
No 8, 1961, pp 52-55.

CB

Sci

201,835

Jun 62

A Study of Biological Protection Against Irradiation
with High Energy Protons.
By S. P. Yarmonenko, G. A. Avrunina, pp. 5

RUSSIAN, per, Radiobiologiya, Vol II, No 1,
1962. 9208799

AEC-Tr-5428

340,741

Sci

Jul 63

(NY-7072)

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE) OF
660 MEV PROTONS, BY E. B. KURLYANDSKAYA,
AND G. A. AVRUNINA, ET AL, 7 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII,
NO 3, R 1962, PP 702-705.

JPRS 14415

SCI + MED
JUL 62

202,443

Wirtschaftliches Frasen, 1953, by S. V. Avrutin

Translated from the Russian original. 1951.

DSIR 621.914
Lending Lib Unit
G. 12334

Mechanized Flow Lines for the Production of
Welded Beds of Broaching Machines, by A. M.
Avrutin, B. M. Pestov, M. Yu. Pustyl'nik, 5 pp.

RUSSIAN, per, Svaroch Proiz, No 6, 1960,
pp 18-21.

BWRA

Sci

Jun 61

158,490

Malaria Psychotropic Drugs and Their Use in Treating /6
Schizophrenia, by G. Ya. Avramikh, 16 pp.
RUSSIAN, 12, Sovremennyye Psichotropnyye Sredstva
i ikh Primeneniye v Lechenii Shizofrenii, Moscow,
1964, pp 3-7; 2-13; 303, 304.
JPRS 26737

Sci-Med & Med
Enc 64

270,011

Beneficiated Askangel, by A. I. Avsarkisova, M. E.
Shishnyashvili, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,
No 3, 1958, pp 540-542.

Consultants Bureau

Sci - Chem

Jun 59

88,662

A. Reserve Materials as an Instrument in the
Preparation for a War Economy, by M. Kokoljovic;
B. Sources of Supply for the Units and Regulations
of the QM Materials in Wartime, by F. Avsenak,
22 pp. (ID 2094643)

SERBIAN, per, Vojno-Ekon Pregled, No 1, 1957,
pp 13-21, 60-68.

325th MI Gr G-9859

Yugoslavia
Kbur - Czech

Econ, Mil

79,252

Jan 59